

2686 JFW

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/888,882
	Filing Date	June 25, 2001
	First Named Inventor	Mesecher et al.
	Art Unit	2686
	Examiner Name	Nghi H. Ly
Total Number of Pages in This Submission	Attorney Docket Number	I-2-0105.1US

ENCLOSURES (Check all that apply)		
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<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>		
Firm or Individual name	Anthony L. Venezia Volpe and Koenig, P.C.	Reg. No. 48,382
Signature		
Date	October 29, 2004	

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.		
Typed or printed name	Anthony L. Venezia	
Signature		Date October 29, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**PATENT**

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Mesecher et al.

**Application No.:** 09/888,882

Our File: I-2-0105.1US

**Confirmation No.:** 1182

Date: October 29, 2004

**Filed:** June 25, 2001

**For:** ADAPTIVE CANCELLATION OF FIXED INTERFERERS

**Group:** 2686

**Examiner:** Nghi H. Ly

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
INCLUDING RULE 1.704(d) STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form. Newly cited documents are indicated by an asterisk (\*).

Pursuant to amended 37 C.F.R. §1.98(a)(2)(i), copies of the newly cited U.S. patent documents have not been included. All other newly cited documents have been included.

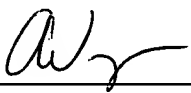
Per Rule 1.704(d), the undersigned certifies that each newly cited item of information contained in this Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and

that this communication was not received by any individual designated in §1.56(c) more than thirty (30) days prior to the filing of the supplemental information disclosure statement.

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his/her consideration of the cited materials.

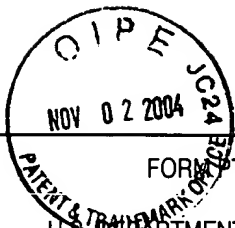
Respectfully submitted,

Mesecher et al.

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ALV/ks  
Enclosures (6)



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. I-2-0105.1US	SERIAL NO. 09/888,882
	APPLICANT Mesecher et al.	
	FILING DATE June 25, 2001	GROUP 2686

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,644,359	02/1987	Katagi et al.			
	*	5,493,307	02/1996	Tsujimoto			
		5,694,134	12/1997	Barnes			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		0684660	11/95	EP				
		3223598	05/1991	DE				
	*	S48-8437	06/1971	JP			X**	
	*	S58-101508	06/1983	JP			X**	
	*	S58-103205	06/1983	JP			X**	
	*	S58-164301	09/1983	JP			X**	
	*	H7-245519	09/1995	JP			X**	
		7321535	12/1995	JP				
	*	H9-135119	05/1997	JP			X**	
	*	97/02714	01/1997	WO				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


\*\* Abstract Only

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.